

| BAR SIZE | * LOCATION CATEGORY | | |
|-------------|---------------------|-------|--------|
| | A | B | C |
| #4 | 2'-5" | 1'-9" | 1'-5" |
| #5 | 3'-0" | 2'-2" | 1'-9" |
| #6 | 3'-7" | 2'-7" | 2'-1" |
| #7 | 4'-10" | 3'-6" | 2'-10" |
| #8 | 6'-5" | 4'-7" | 3'-8" |
| #9 | 8'-1" | 5'-9" | 4'-8" |
| #10 | 10'-3" | 7'-4" | 5'-11" |
| #11 | 12'-7" | 9'-0" | 7'-3" |

* LOCATION CATEGORY

- A - Bars in horizontal layers in top of pour with 12" or more of concrete below them such as in: footings, pier caps, etc.
 B - All bars not in Category A spaced less than 6" apart.
 C - All bars not in Category A spaced 6" or more apart.

Note:

- When bar lap is not specified on the Plans, the above dimensions shall be used.
- These bar laps do not apply when bar is in lightweight concrete. Greater lengths are required for this material.
- These bar laps only apply where the General Notes indicate "Reinforcing Steel Design, $f_y = 60$ ksi."

| APPROVAL | |
|-------------------------------|------|
| <i>L.S. Friedman</i> DIRECTOR | |
| OFFICE OF STRUCTURES | |
| DATE: 4/30/81 | |
| REVISIONS | |
| SHA | FHWA |
| 11-23-93 | . |
| 1-22-01 | . |
| 9-20-05 | . |
| 11-26-07 | . |

FHWA APPROVAL
DATE: 6-8-90

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

BAR LAP DIMENSIONS FOR
GRADE 60 REINFORCING STEEL
IN MIX NO.3 (3500 P.S.I.) CONCRETE
NON-EPOXY COATED REINFORCING



STANDARD NO. M(6.07)-81-127(L)

SHEET 1 OF 3